

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-234179

(43)Date of publication of application : 22.08.2003

(51)Int.Cl.

H05B 33/04

H05B 33/02

H05B 33/14

(21)Application number : 2002-030502

(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing : 07.02.2002

(72)Inventor : KIDOUCHI YASUO

## (54) OLED DISPLAY

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a very thin OLED display by realizing a sealing structure that does not require a desiccating agent without constituting a space.

SOLUTION: A 1st electrode 2 is formed on a transparent substrate 1 such as glass, and on the 1st electrode 2, an organic film 6 containing an organic luminescent material is laminated. On the organic film 6, a 2nd electrode 9 is formed. On the upper part of the 2nd electrode 9, a DLC (diamond-like carbon) film 10 is formed so that it may cover whole the substrate 1. On the whole surface of DLC film 10, an overcoat 12 that protects the DLC film 10 is provided. By carrying out direct film forming and sealing of the DLC film 10 to the organic film 6, which is easy to deteriorate with oxygen, moisture, or the like, reliability is raised and a long-life can be obtained.

